

**Amendments to the Specification:**

Please **replace** the Abstract with the following amended Abstract:

**ABSTRACT**

A vacuum insulated refrigerator cabinet comprises an evacuation system for evacuating an insulation space (10) of the cabinet when pressure inside such space is higher than a predetermined value. It comprises a sensor device having an insulation reference element (14) located on one side of said insulation space (10) and temperature sensors (A, B, C) for assessing the differences of temperature ( $\Delta T_1, \Delta T_2$ ) across the insulation space (10) and across the insulation reference element (14), such sensor device being suitable for providing the evacuation system with a signal related to the ratio of the above differences of temperature.